

In the Claims:

Please amend the claims as follows:

1-25 (cancelled)

26. (currently amended) A warhead having a longitudinal axis, comprising:

a first part comprising a first explosive section, a casing, and a plurality of projectiles enclosed in the casing, wherein detonation of the first explosive section results in acceleration of the projectiles in a direction essentially radial to the longitudinal axis; and

a second part comprising a second explosive section and a control element configured to control working of the warhead as a function of a control signal, wherein the control element is configured to control detonation and target selection of the warhead and to receive signals permitting modification of at least one of target selection and desired effect of the warhead during firing or in flight,

wherein the first part and the second part are arranged relative to each other along the longitudinal axis, ~~and~~

wherein the control element is designed to detonate at least one of the first explosive section and the second explosive section as a function of the control signal, and

wherein detonation of the second explosive section results in an acceleration of the projectiles in a direction essentially parallel to the longitudinal axis.

27. (previously amended) The warhead according to claim 26, wherein the control

element comprises a processor.

28. (previously amended) The warhead according to claim 26, wherein the control element receives the signals from an authorized user.

29. (previously amended) The warhead according to claim 26, wherein the authorized user is a combat control station.

30. (cancelled)

31. (previously amended) The warhead according to claim 26, wherein the control element is configured to control the working of the warhead such that the first explosive section is detonated at a first time and the second explosive section is detonated at a second time.

32. (previously amended) The warhead according to claim 31, wherein the first time and the second time are separated in time.

33. (previously amended) The warhead according to claim 31, wherein the first time occurs prior to the second time.

34. (previously amended) The warhead according to claim 31, wherein the second time occurs prior to the first time.

35. (cancelled)

36. (previously presented) The warhead according to claim 26, wherein the casing comprises at least two segments that are configured to detach from the warhead on detonation of the first explosive section in order to permit dispersal of the projectiles.

37. (previously presented) The warhead according to claim 26, wherein the casing comprises segments elongated essentially parallel to the longitudinal axis.

38. (previously presented) The warhead according to claim 26, wherein the casing comprises a plurality of elongate segments.

39. (previously presented) The warhead according to claim 26, further comprising:
at least one band configured to hold the casing in place.

40. (previously amended) The warhead according to claim 38, further comprising:
a fastener configured to hold the elongate segments in place, wherein the fastener is arranged at one end of the first part remote from the second part.

41. (previously amended) The warhead according to claim 38, wherein the elongate segments together form an essentially pointed nose section on one end of the first part remote from the second part.

42. (previously presented) The warhead according to claim 26, wherein the casing comprises a plurality of modules arranged along the longitudinal axis.

43. (previously amended) The warhead according to claim 42, wherein the modules are arranged up against each other and are detachably fixed to each other such that together the modules form the casing, and wherein the modules can readily be released from one another by an increase in pressure in the warhead.

44. (previously presented) The warhead according to claim 26, further comprising:
a detonation-preventing element configured to separate the first explosive section from the second explosive section.

45. (previously presented) The warhead according to claim 26, the control signal is transmitted wirelessly.

46. (previously presented) The warhead according to claim 26, wherein the control signal is transmitted via a line.

47. (previously presented) The warhead according to claim 26, wherein the control element comprises an storage element configured to store information which represents the control signal.

48. (currently amended) A missile, comprising:

a warhead comprising

a first part comprising a first explosive section, a casing, and a plurality of projectiles enclosed in the casing, wherein detonation of the first explosive section results in acceleration of the projectiles in a direction essentially radial to the longitudinal axis; and

a second part comprising a second explosive section and a control element configured to control working of the warhead as a function of a control signal, wherein the control element is configured to control detonation and target selection of the warhead and to receive signals permitting modification of at least one of target selection and desired effect of the warhead during firing or in flight,

wherein the first part and the second part are arranged relative to each other along the longitudinal axis, ~~and~~ wherein the control element is designed to detonate at least one of the first explosive section and the second explosive section as a function of the control signal, and wherein detonation of the second explosive section results in an acceleration of the projectiles in a direction essentially parallel to the longitudinal axis; and a propulsion unit configured to propel the missile in a direction of flight.

49. (previously amended) The missile according to claim 48, wherein the missile is configured to release the warhead from the propulsion unit as a function of information on a target.

50. (currently amended) A system, comprising:
a warhead comprising

a first part comprising a first explosive section, a casing, and a plurality of projectiles enclosed in the casing, wherein detonation of the first explosive section results in acceleration of the projectiles in a direction essentially radial to the longitudinal axis; and

a second part comprising a second explosive section and a control element configured to control working of the warhead as a function of a control signal, wherein the control element is configured to control detonation and target selection of the warhead and to receive signals permitting modification of at least one of target selection and desired effect of the warhead during firing or in flight,

wherein the first part and the second part are arranged relative to each other along the longitudinal axis, ~~and~~ wherein the control element is designed to detonate at least one of the first explosive section and the second explosive section as a function of the control signal, and wherein detonation of the second explosive section results in an acceleration of the projectiles in a direction essentially parallel to the longitudinal axis; and a central unit configured to generate the control signal that controls the working of the warhead.

51. (previously amended) The system according to claim 50 wherein the central unit comprises a transmitter configured to transmit the control signal, the warhead further comprising:

a receiver configured to receive the control signal.